| | | | Ozone Precursor - VOCs - | Ozone Precursor - NOx - | |
|--|-------------------|------------------|--------------------------|-------------------------|-------------------|
| Vehicle Type | NOx Annual Burden | PM Annual Burden | Summer Weekday | Summer Weekday | Average Daily VMT |
| Motorcycles | 571,195,230 | 7,828,956 | 2,374,762 | 1,276,468 | 1,154,119 |
| Cars - Light Duty Gas Vehicles | 2,981,387,237 | 238,558,800 | 14,717,421 | 7,656,915 | 64,907,598 |
| Cars - Light Duty Diesel Vehicles | 520,764 | 303,351 | 2,946 | 1,588 | 58,477 |
| Buses - Gas-powered | 1,655,237 | 128,178 | 7,447 | 5,574 | 19,393 |
| Buses - Diesel Transit Buses | 64,651,959 | 2,622,613 | 86,787 | 200,386 | 266,487 |
| Buses - Diesel School Buses | 71,902,457 | 3,903,223 | 119,883 | 216,912 | 387,941 |
| Light Trucks - Sport Utility Vehicles and Pickups | 11,443,706,832 | 505,241,418 | 33,772,719 | 28,275,296 | 137,351,278 |
| Light Trucks - Diesel Sport Utility Vehicles and Pickups | 17,569,016 | 2,330,632 | 49,089 | 53,179 | 442,803 |
| Heavy-Duty Gas-powered Trucks | 266,320,720 | 25,744,146 | 1,070,645 | 794,600 | 4,622,284 |
| Heavy-Duty Diesel Trucks | 2,958,400,634 | 147,019,683 | 4,150,615 | 8,777,187 | 17,087,663 |
| Total | 18,377,310,088 | 933,680,998 | 56,352,313 | 47,258,104 | 226,298,043 |

Notes:

Chicago Non-Attainment Area Illinois Portion includes Cook, DuPage, Kane, Lake, McHenry, and Will Counties, and parts of Kendall and Grundy Counties.

PM: PM 2.5 Fine Particulates, fine particles and liquid droplets up to 2.5 micrometers suspended in the air, harmful to human health.

NOx: Nitrogen Oxides, nitric oxide and nitrogen dioxide, both precursors of tropospheric ozone, and toxic in their own right.

VOCs: Volatile Organic Compounds, atmospheric hydrocarbons, precursors to tropospherics ozone. Some VOCs are toxic in their own right.

VMT: Vehicle Miles Traveled

Source: CMAP GO TO 2040 Conformity Analysis, October, 2010.